

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA U-15996
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME Tusher Canyon
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155		8. FARM OR LEASE NAME Tusher Canyon Unit USA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2219' FNL, 2361' FWL At proposed prod. zone same as above		9. WELL NO. 1-6
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 18 miles NE of Green River Utah		10. FIELD AND POOL, OR WILDCAT Entrada Test, Wildcat
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) boundary over 2 miles from unit	16. NO. OF ACRES IN LEASE 2469.76	11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA Sec 1, T20S, R18E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. approx. 2,197'	19. PROPOSED DEPTH ±6200	12. COUNTY OR PARISH Grand
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Ground 5792'	20. ROTARY OR CABLE TOOLS Rotary	13. STATE Utah
22. APPROX. DATE WORK WILL START* Sept. 1, 1981		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	±1600'	Circulate to surface
8 3/4"	4 1/2" new	11.6#	±6200'	Cover all productive zones

Set ±120' of surface casing.

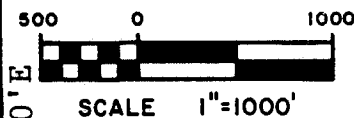
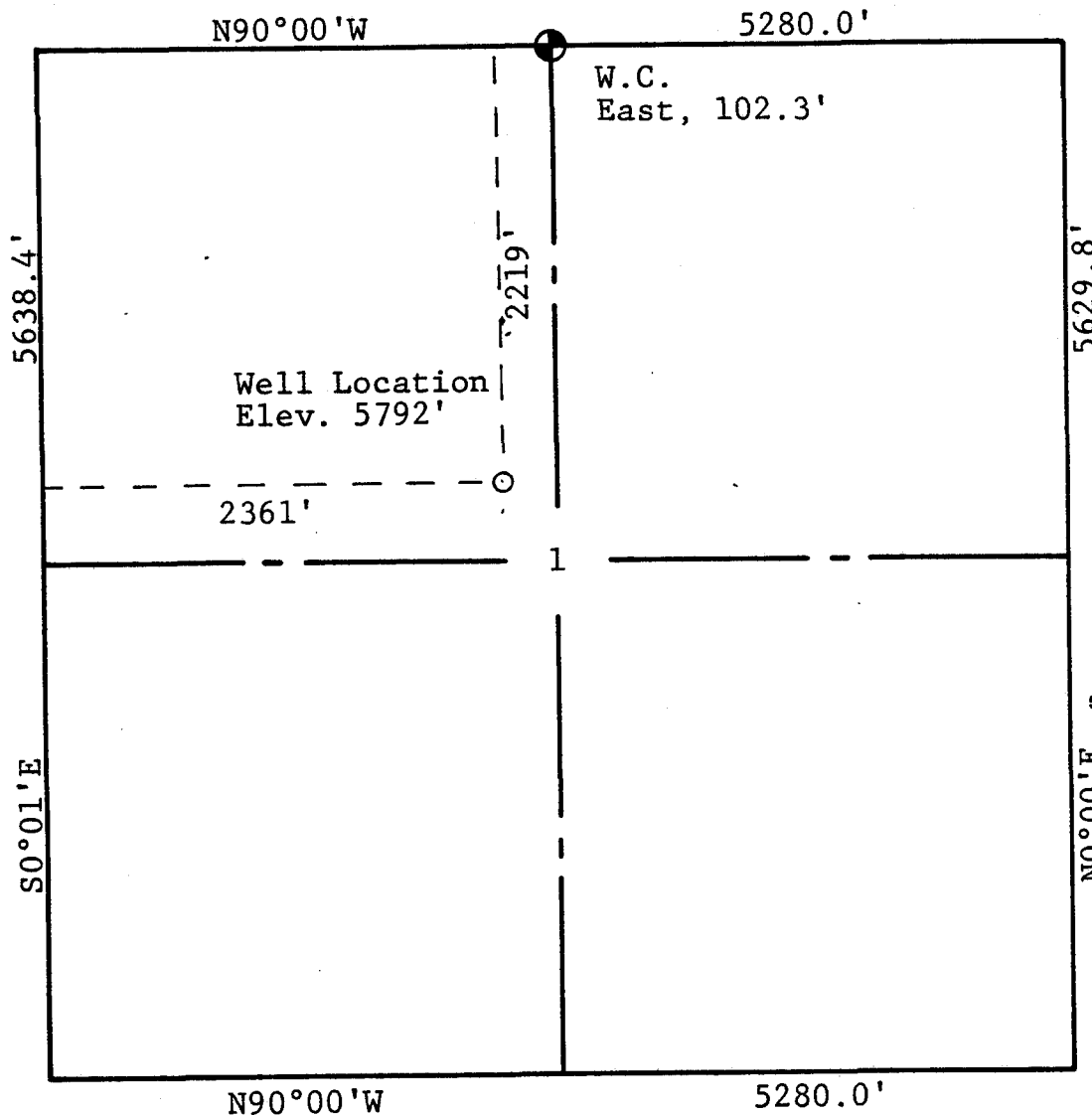
See attached drilling procedure.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED R. A. Mishler TITLE Senior Production Analyst DATE August 12, 1981
(This space for Federal or State office use)PERMIT NO. WT Martin APPROVAL DATE SEP 02 1981
APPROVED BY E. W. GYNN FOR DISTRICT OIL & GAS SUPERVIOIR DATE SEP 02 1981
CONDITIONS OF APPROVAL, IF ANY:CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions On Reverse Side

NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80



LEGEND

- Found U.S.B.L.M. Brass Cap W.C. 1960
- WELL LOCATION

Bearings based on Solar Observation

2361 Ft. E.W.L. - 2219 Ft. S.N.L.
Section 1, T.20S., R.18E., S.L.B. & M.
Grand County, Utah



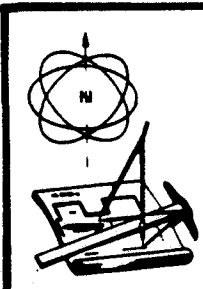
SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong a registered land surveyor in the State of Colorado, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong
Edward A. Armstrong PE-LS 4464

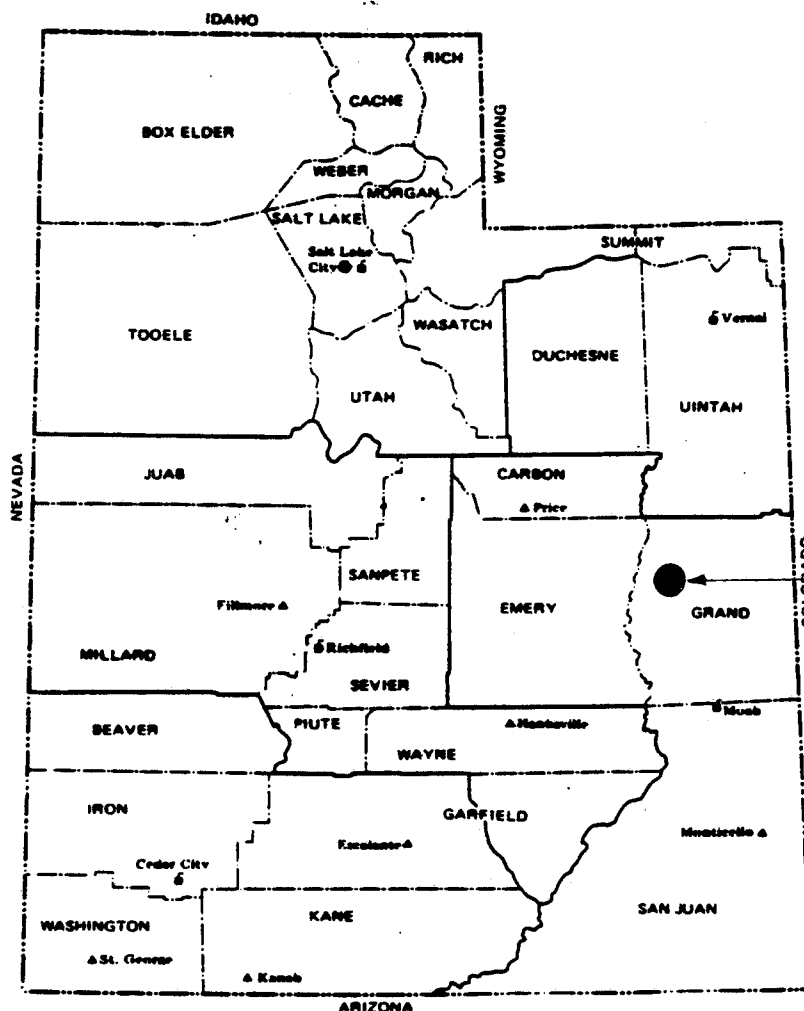
NOTICE

According to Colorado law you must commence any legal action based upon any defect in this survey within six years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification.



ARMSTRONG ASSOCIATES, INC. ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS 861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861			
SCALE 1"=1000'	TENNECO OIL Tusher Canyon Unit USA 1-6		
DATE 8-11-81			
DRAWN BY M.P.J.	FIGURE 1		
CHECKED BY D.R.S.			
DATE OF SURVEY 8-10-81	JOB NUMBER 813543		

AREA MAP



Proposed
Well
Location



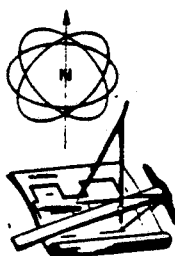
UTAH

Proposed Tenneco Oil
Tusher Canyon Unit, USA 1-6
Sec. 1, T:20S., R.18E., SLB&M
Grand County, Utah
Approx. 25 miles north,
Northeast of Green River, Utah

LEGEND

- State Office
- District Office
- ▲ Area Office

— BLM District Boundaries
--- County Boundaries



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861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

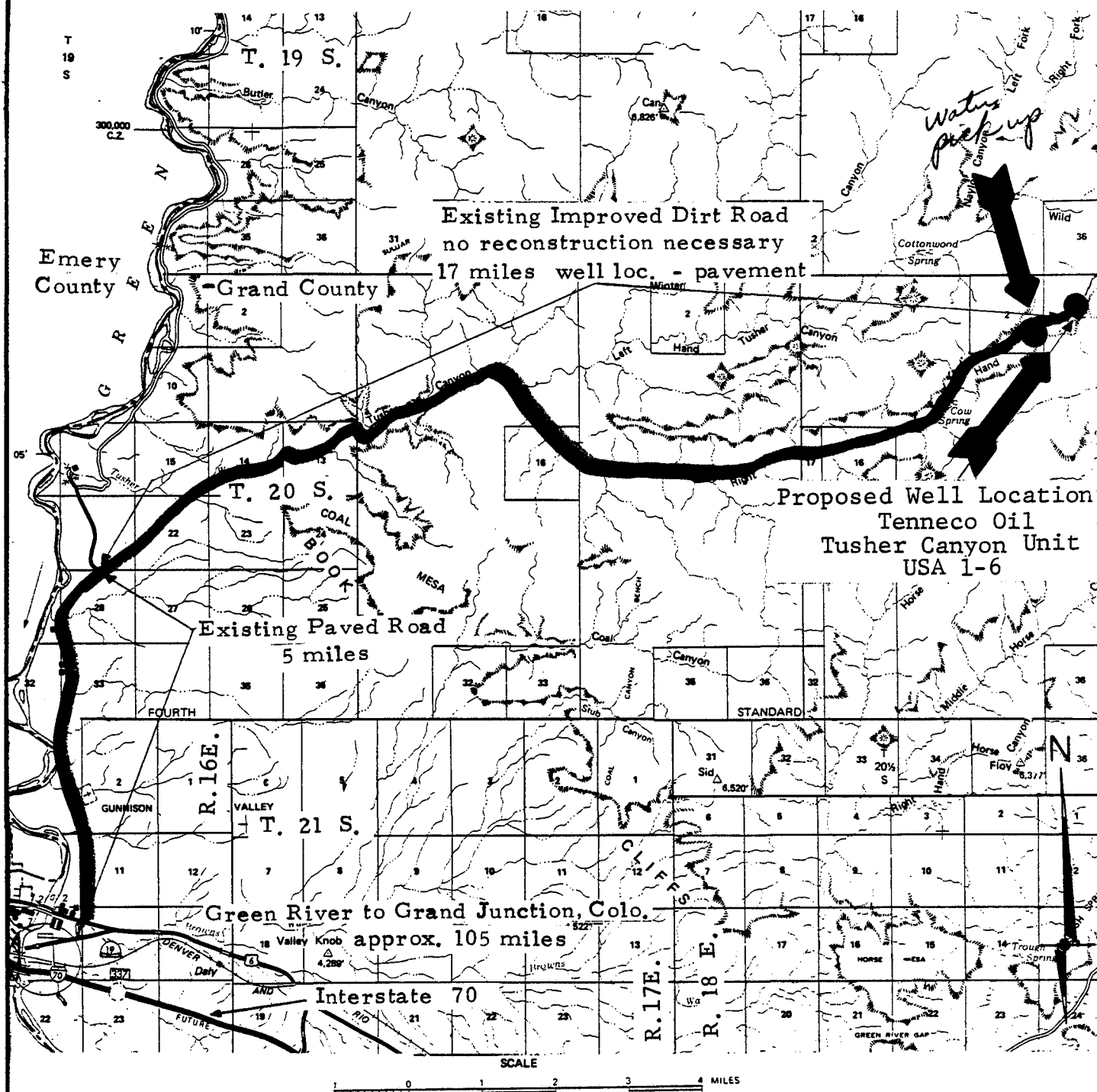
1" = 75mi.
8/11/81
Morrison
J.A. Bare
8/10/81

TENNECO OIL
Tusher Canyon Unit
USA 1-6

FIGURE 2

JOB NUMBER
813543

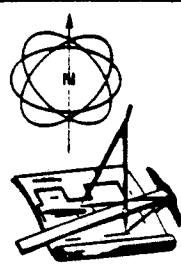
EXISTING ROADS



1977

FROM:

General Highway Map
Grand County, Utah
sheet 3
1977



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As shown
8/11/81
Morrison
J.A. Bare
8/10/81

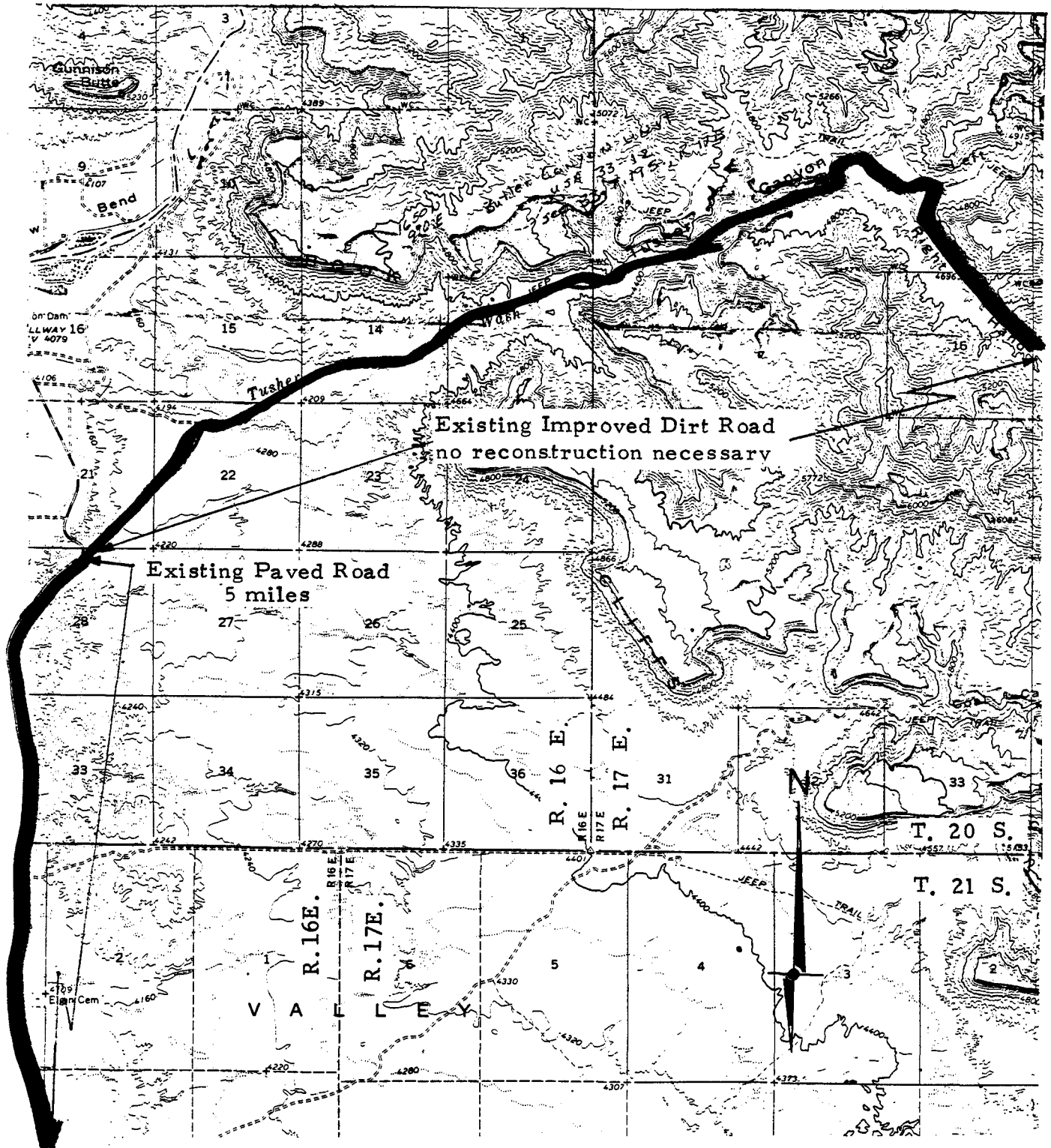
TENNECO OIL
Tusher Canyon Unit
USA 1-6

FIGURE 3

JOB NUMBER
813543

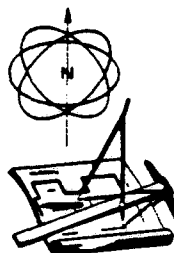
PLANNED ACCESS ROADS

4



FROM:

Floy Canyon Quad.
USGS 15 minute series
Grand County, Utah
1963



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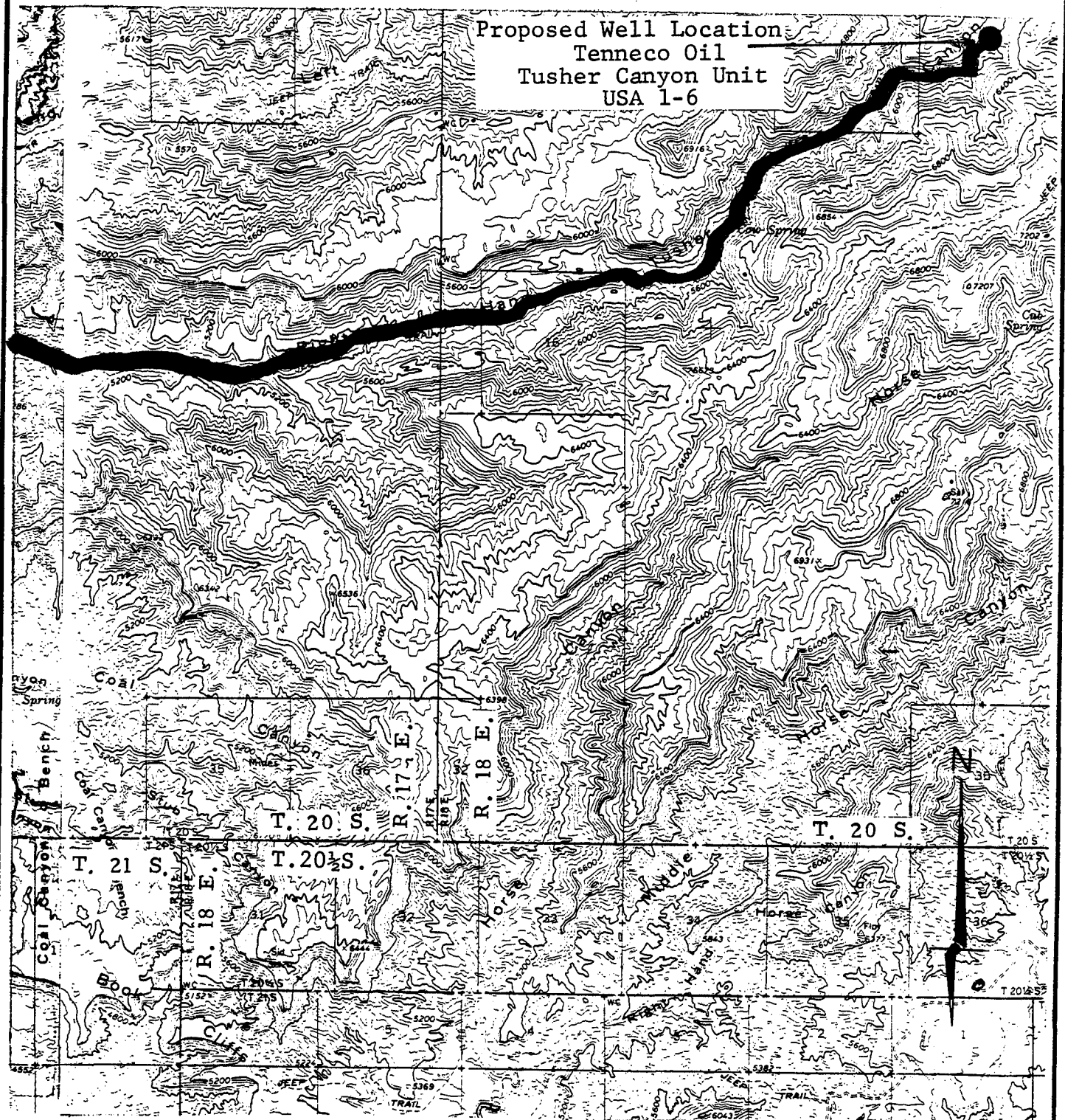
SCALE
1"=1mile
DATE
8/11/81
DRAWN BY
Morrison
CHECKED BY
J.A. Bare
DATE
8/10/81

TENNECO OIL
Tusher Canyon Unit USA 1-6
Sheet 1 of 2

FIGURE 4

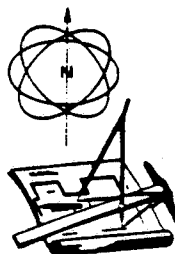
JOB NUMBER
813543

PLANNED ACCESS ROADS



FROM:

Floy Canyon Quad.
USGS 15 minute series
Grand County, Utah
1963



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Scale = 1 mile

8/11/81

Morrison

CREATED BY
J.A. Bare

8/10/81

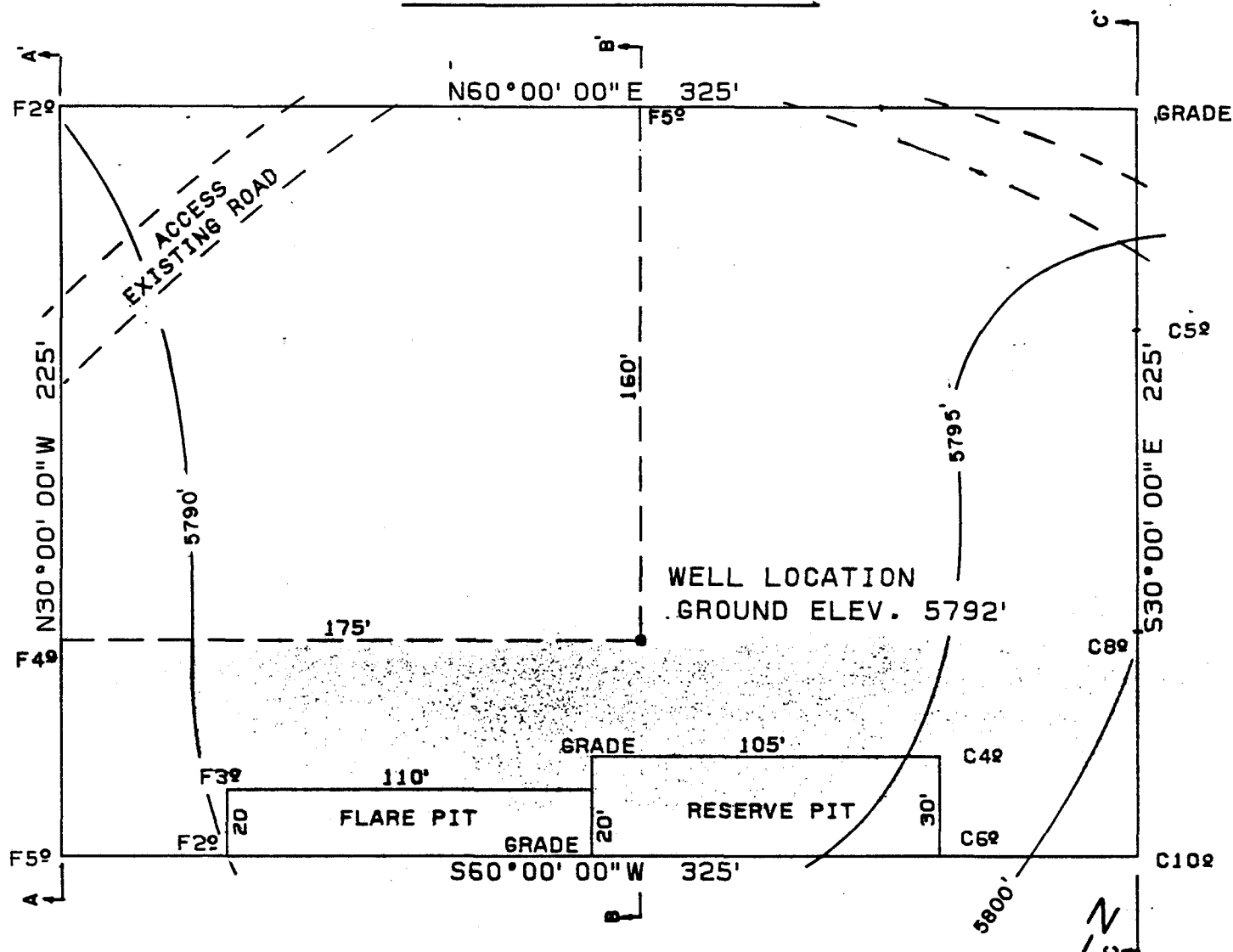
TENNECO OIL
Tusher Canyon Unit USA 1-6
Sheet 2 of 2

FIGURE 4

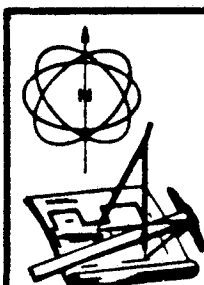
JOB NUMBER

813543

PAD TOPOGRAPHY



REF.PT. 300' NORTH ELEV. 5791'
 REF.PT. 160' EAST ELEV. 5811'
 TYPICAL SOIL TYPE: SANDY SILT
 VEGETATION: SAGEBRUSH, JUNIPER



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SCALE 1" = 50'

DATE 8/11/81

DRS

JRA

8/10/81

TENNECO OIL

TUSHER CANYON UNIT USA 1-6

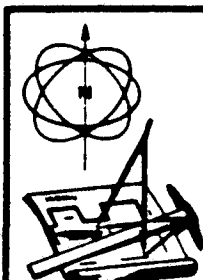
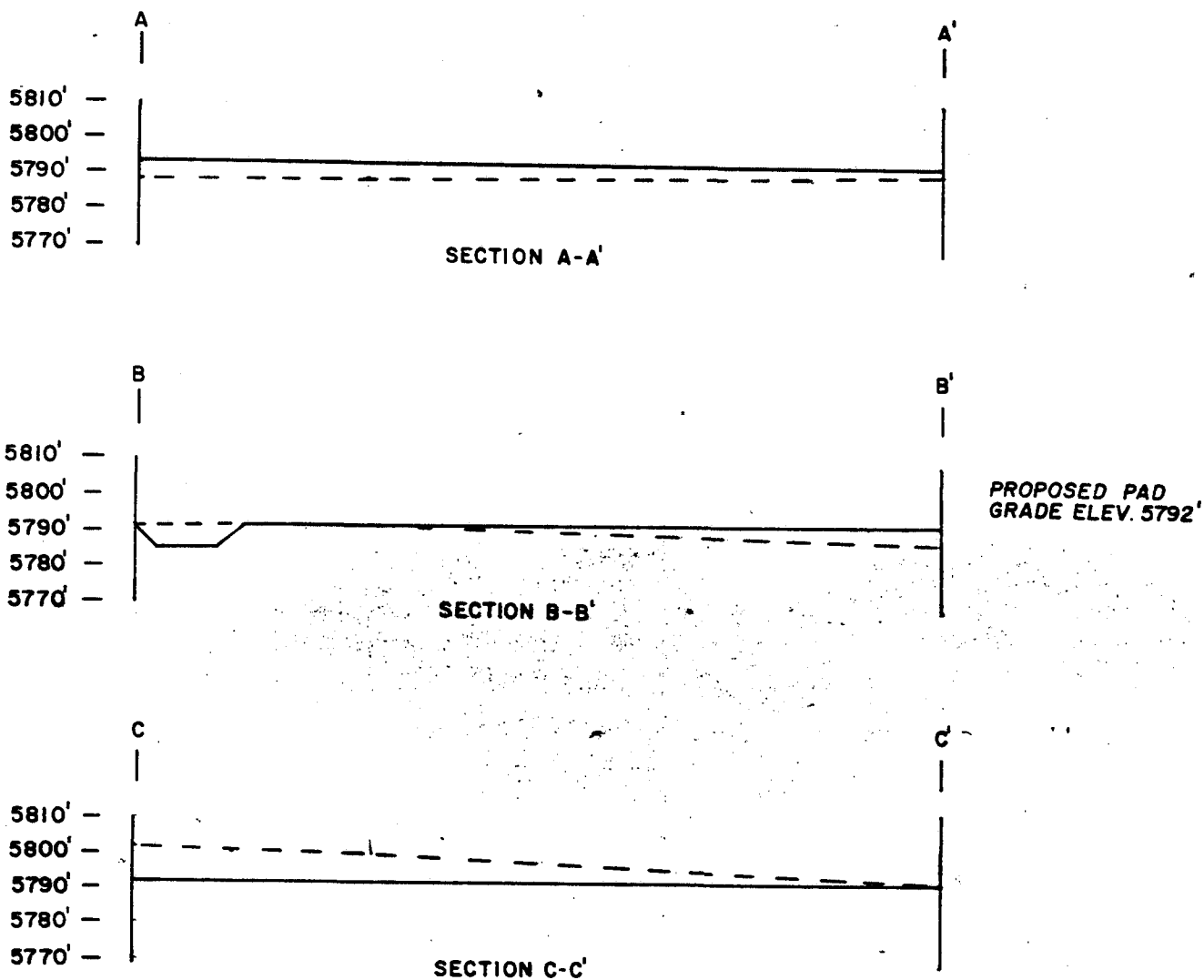
FIGURE 5

JOB NUMBER

813543

CROSS-SECTIONS

6



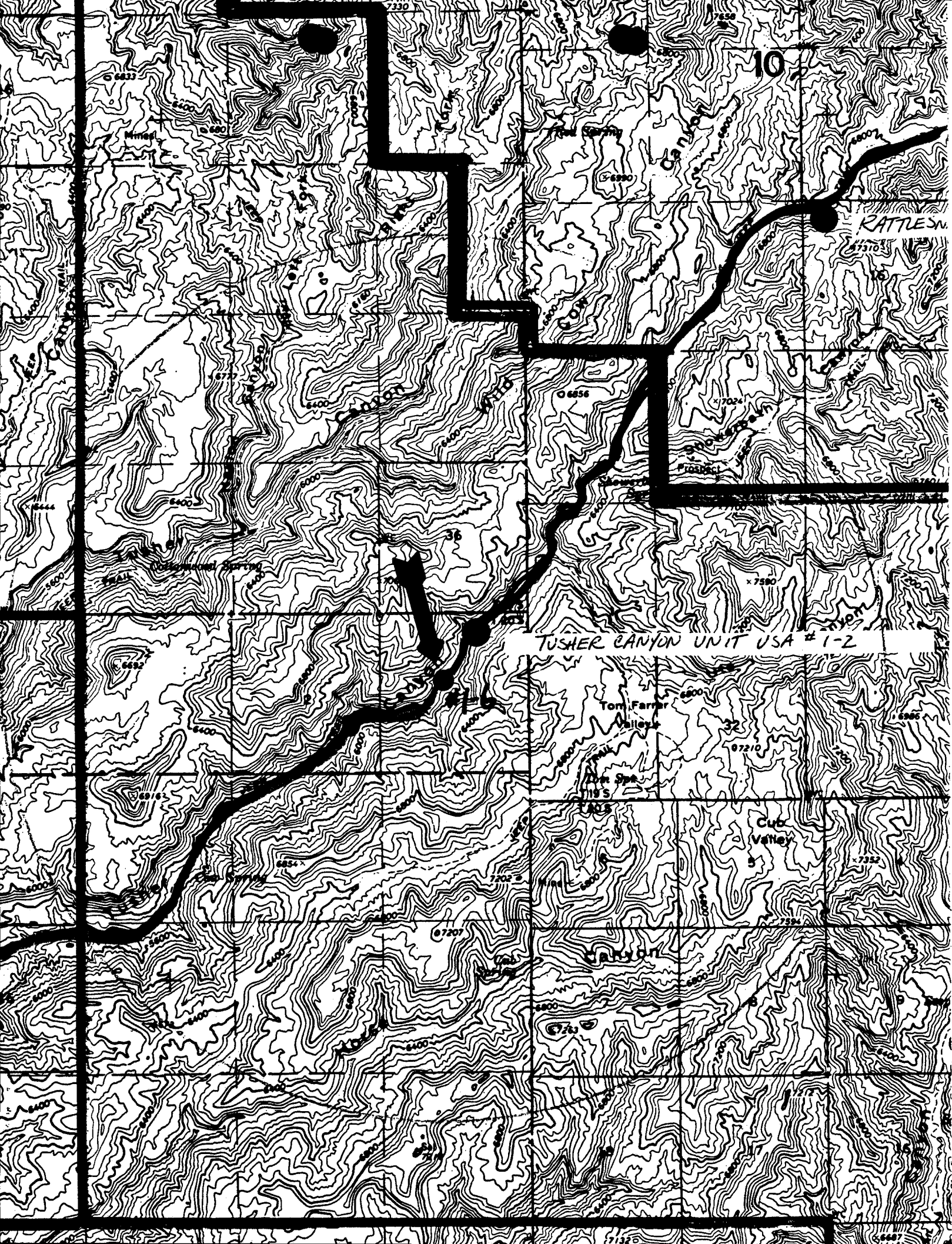
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861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE 1"=50'
DATE 8-11-81
DRAWN BY DRS
CHECKED BY JRA
DATE OF SURVEY

TENNECO OIL
TUSHER CANYON UNIT USA 1-6

FIGURE 6

JOB NUMBER
813543



TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation: Mesaverde
- 2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered.
10. The drilling of this well will start approximately (Sept. 1, 1981) and continue for 20 to 25 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
P.O. BOX 3249
ENGLEWOOD, CO 80155

DRILLING PROCEDURE

DATE: August 11, 1981

LEASE: Tusher Canyon Unit USA

WELL NO: 1-6

LOCATION: 2219' FNL, 2361' FWL
Section 1, T20S, R18E
Grand County, Utah

FIELD Wildcat

ELEVATION: 5792'

TOTAL DEPTH: 6200'

PROJECTED HORIZON: Entrada

SUBMITTED BY: Tyler Hahn

DATE: August 11, 1981

APPROVED BY: Tom Dunning

DATE: 8/11/81

CC: Administration
DSB Well File
Field File

ESTIMATE FORMATION TOPS

Mesaverde	Surface
Mancos (Buck Tongue)	1050'
Castlegate (Water/Gas)	1170'
Mancos "B" - Top	2120'
Mancos "B" - Bottom	2970'
Frontier	4700'
Dakota Silt (Gas)	5000'
Dakota (Gas)	5225'
Morrison (Gas)	5455'
Entrada (Gas)	6155'
T.D.	6200'

1. No abnormal pressures, temperatures or H₂S is anticipated on this hole.
2. Reserve pit shall be fenced on 3 sides during drilling operations in order to comply with BLM and USGS regulations.

DRILLING, CASING, AND CEMENTING PROGRAM

1. MIRURT.
2. Set 3 joints of 13 3/8" casing at + 120'.
3. Install 13 3/8" rotating head. Drill 12 1/4" hole to + 1600' with mud. Run 9 5/8", 36#, K-55, ST&C casing to T.D. and cement with sufficient volume to circulate cement to surface.
4. WOC. Nipple up casing head, BOP's, rotating head, blowline and choke manifold. Pressure test BOP's, manifold, etc to 1000 psi for 15 minutes.
5. TIH with 8 3/4" bit. Drill out shoe and dry up hole. Drill 8 3/4" hole to TD with air or mist.
6. Log well per G.E. department recommendations.
7. If well is productive, RU and run 4 1/2", 11.6#, K-55, LT&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
8. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

SURFACE:	<u>+ 120'</u> (3 joints) 13 3/8"
INTERMEDIATE:	0-1600' 9 5/8", 36#, K-55 ST&C
PRODUCTION:	0- 6200' 4 1/2", 11.6#, K-55, LT&C

MUD PROGRAM

0-1600 Spud mud. Viscosity as needed to clean hole.
1600-6305 Air or Air/Mist.

NOTE: Should the hole become wet or encounter large gas flows which require mud up, keep the weight as low as possible, vis as needed, and W.L. \pm 6 cc.

EVALUATION

Cores and DST's:

None.

Deviation Surveys:

0-1600 Every 100' unless hole conditions prohibit running the surveys. Maximum deviation at T.D. 1° .
1600-6305 Every 500' or on trips. Maximum deviation 1° per 100' or 6° at T.D.

Samples:

Samples to be taken at 20' intervals from surface casing to Frontier and at 10' intervals from Frontier to T.D. A two-man mud logging unit will be on location from surface casing to T.D.

Logs:

Surface Hole - as specified by G.E. Department.

Production Hole - as specified by G.E. Department.

BLOWOUT EQUIPMENT

1. Double rams hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air or air/mist holes.
3. Preventors must be checked for operation every 24 hours. This check must be recorded on the IADC Drilling Report Sheet.

REPORTS

Drilling Reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud cost, deviation surveys, and other pertinent information to be called into Division Office by 7:30 A.M. Monday thru Friday.

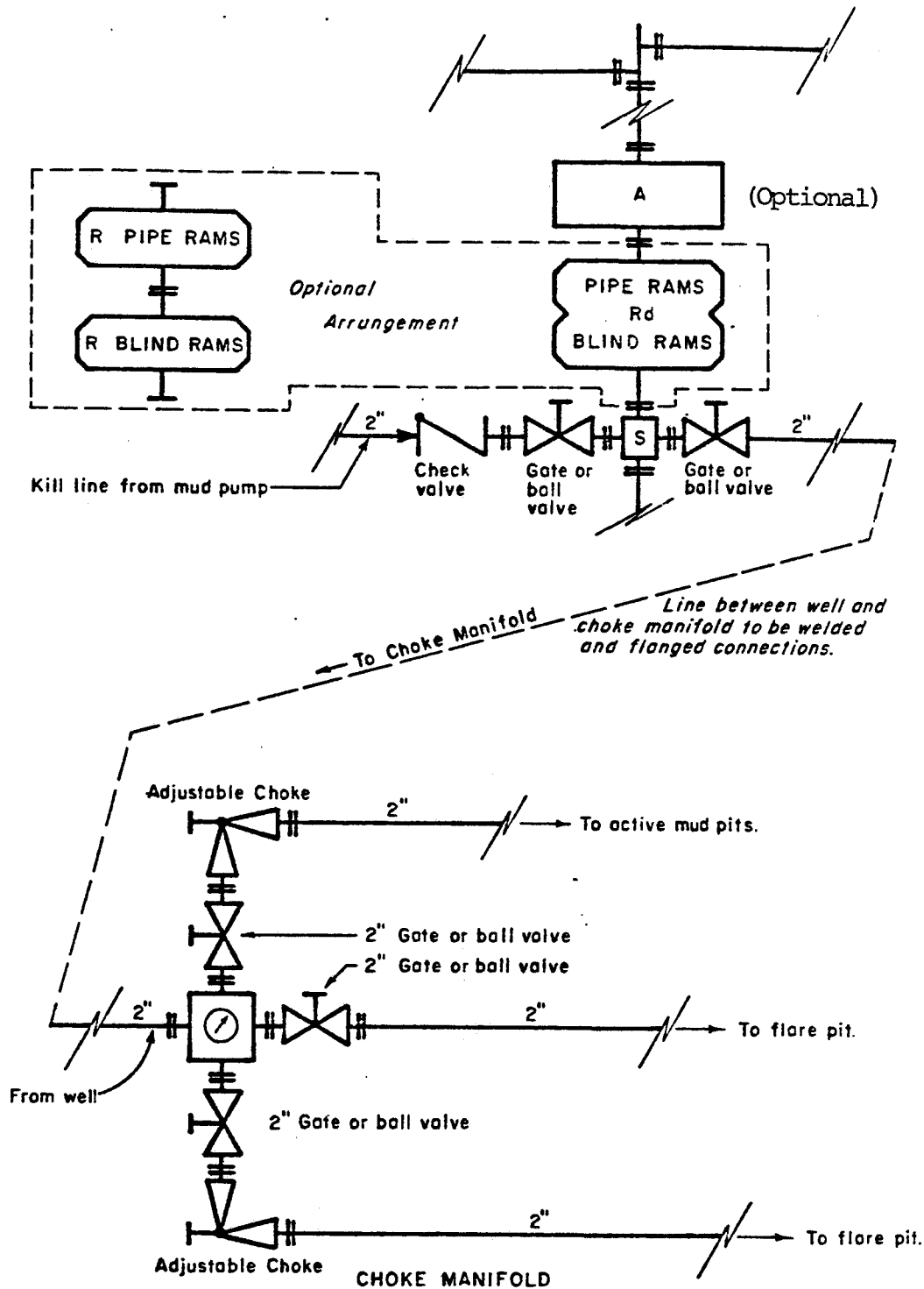
TENNECO OIL COMPANY
P.O. BOX 3249
ENGLEWOOD, COLORADO 80155
PHONE: 303-740-4800

Office Directory

Donald S. Barnes	740-4814
John W. Owen	740-4810
Tom Dunning	740-4813
Dale Kardash	740-4809

In case of emergency or after hours, call the following in the preferred order.

- | | |
|---|----------------------------------|
| (1) Donald S. Barnes
Division Drilling Engineer | Office 740-4814
Home 936-0404 |
| (2) John W. Owen
Senior Driling Engineering Specialist | Office 740-4810
Home 795-0221 |
| (3) Mike Lacey
Division Production Manager | Home 797-2651 |



All equipment to be 3,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- A Annular type blowout preventer. (Optional)

ARRANGEMENT B

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKES MANIFOLD

I. EXISTING ROADS

A. Proposed Well Site Location: The proposed location has been surveyed by a registered land surveyor and is located 2219'FNL, 2361'FWL, Section 1, T20S, R18E, Grand County, Utah.

B. Planned Access Route: The planned access route is mapped and described in Exhibits 3 and 4. No new access is required.

C. Access Road Labelled:

Colorado Code: Red - Improved surfaced roads
Blue - New access road to be constructed

D. All existing roads within 3 miles of the proposed site are shown on exhibit 10.

E. The existing roads are shown in Exhibits 3, 4 and 10.

F. Existing Road Maintenance or Improvement:

The existing road will not require improvement. However, this road may require occasional grading to return the road surface to a cross section necessary for proper drainage.

II. PLANNED ACCESS ROUTE

A. Route Location - (See Exhibits 3 and 4)

The planned new access route was selected to provide the shortest distance to the well site with acceptable grades from the main connector road. No new access roads will be constructed.

III. LOCATION OF EXISTING WELLS

The proposed well is a wildcat. No wells exist within a three mile radius. Tenneco's Tusher Canyon Unit #1-2 has been permitted and is located 387'FNL, 1705'FEL, Section 1, T20S, R18E, Grand County, Utah. The #1-2 is located approx. 2,197' NE of the proposed location.

IV. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Existing facilities within one mile owned or controlled by Lessee/
Operator: N/A

B. New facilities in the event of production:

1. New facilities: May consist of a well head, condensate tank, production unit, meter house, all of which would remain within the disturbed area. Exhibit 8 shows our most typical arrangement for this area.

2. Dimensions of the facilities are shown in Exhibits 5 and 7.

3. Construction will be to strip the topsoil, level drilling pad. Dehydrator pits will be constructed with soil materials native to the site. Construction methods will be employed to assure that no drainage flows are impounded to prevent the loss of any hydrocarbon from the site. This is to be done in a manner to facilitate rapid recovery and clean up.
 4. Protective measures to protect wildlife and livestock: Dehydrator pits shall be overhead flagged should any hydrocarbon material be present on the surface. The dehydrator pits shall be fenced to prevent entry of livestock or wildlife.
- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas not required for continued usage will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to BLM specifications.

V. LOCATION AND TYPE OF WATER SUPPLY

- A. The water source is the State of Utah.
- B. Water transportation system: Water to be hauled in trucks from the pit marked on exhibit 3. Alternate source of water is private in Green River. If necessary, water would be hauled along the access route as described herein on figures 3 and 4.
- C. Water Wells: None

VI. SOURCE OF CONSTRUCTION MATERIALS

A. Materials:

Construction materials will consist of soil encountered with the boundaries of the proposed site. Topsoil will be stripped to a depth of six inches and stockpiled in an area that does not interfere with operations.

B. Land Ownership:

The planned site lies on Federal land administered by the United States Department of Interior, U.S. Bureau of Land Management. The access road is County road.

C. Materials foreign to site: N/A

D. Access road shown under Exhibits 3 and 4.

VII. METHODS OF HANDLING WASTE MATERIALS

- A. Cuttings: Will be contained within the limits of the reserve pit.
- B. Drilling fluids: Will be retained in the reserve pit.
- C. Produced fluids: No substantial amount of water is expected. The amount of hydrocarbon that may be produced while treating will be retained in the reserve pit. Prior to clean up operations the hydrocarbon materials will be skimmed or removed as the situation would dictate.
- D. Sewage: Sanitary facilities will consist of at least one chemical toilet and after the completion of operations the sewage will be removed and disposed of at a legal and environmentally acceptable location.
- E. Garbage: A burn cage will be used to burn all flammable material. The small amount of refuse will be removed from the site and disposed of at a legal and environmentally acceptable location.
- F. Clean up of well site: After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The "mouse hole" and "rat hole" will be backfilled to prevent injury and hazard for livestock. Reserve pit will be fenced until dry and it can be backfilled and restored to natural terrain.

VIII. ANCILLARY FACILITIES

Non required.

IX. WELL SITE LAYOUT

- A. See exhibits 5 and 7.
 - 1. Location of pits: See exhibits 5 and 7
 - 2. Rig Orientation: See exhibits 5 and 7
- B. Pits will be unlined, unless otherwise required.

X. PLANS FOR RESTORATION OF SURFACE

A. Reserve Pit Cleanup:

The pit will be fenced on 3 sides prior to drilling and the 4th side will be fenced prior to rig release. Fence will be maintained until cleanup. Prior to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause contained erosion of the surface. Following backfill completion, topsoil

removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of the site.

B. Restoration Plans - Production Developed:

The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C. Restoration Plans - No Production Developed:

Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Bureau of Land Management requirements.

XI. OTHER INFORMATION

- A. Surface Description: The topography of the area is typical of the "Book Cliffs" in east central Utah. The major drainage is right hand Tusher Canyon and flows generally southwesterly and eventually joins the Green River. Rock types are stratified sandstone with layers of shale and conglomerates. The soil is generally poor and quite rocky with some outcrops of Bentonite clays. Vegetation is generally quite thick with Juniper and Pinon Pine on the slopes and sagebrush in the lower areas and wash bottoms. The elevation of the area ranges from 5800 to 6880 feet above mean sea level 1927 datum.
- B. Other Surface-use Activities: The surface is federally owned and managed by the BLM/USGS. The predominant surface use is mineral exploration and production with minimal grazing activity.
- C. Proximity of Water, Dwelling, Historical Sites:
1. Water: The canyon bottom adjacent to the location carries a light intermittent flow of water.
 2. Occupied Dwellings: Not existing.
 3. Historical Sites: An archaeological reconnaissance has been performed for this location and report is on file with the appropriate USGS/BLM office.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

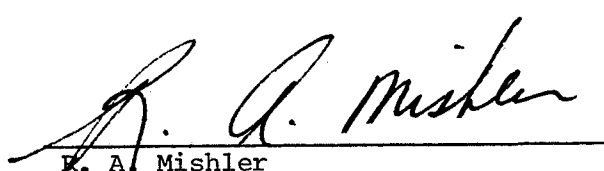
Donald Barnes
P.O. Box 3249
Englewood, CO 80155
Phone: (303) 740-4814

Robert Mishler
P.O. Box 3249
Englewood, CO 80155
Phone: (303) 740-4825

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 8/12/81


R. A. Mishler

Senior Production Analyst

RAM/lo

United States Department of the Interior
 Geological Survey
 Oil and Gas Operations
 2000 Administration Building
 1745 West 1700 South
 Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name TENNECO Oil COMPANY / TUSHER CANYON 1-6
 Project Type GAS WELL
 Project Location 224' FNL, 2361' FWL SEC 1, T20S, R18E
 Date Project Submitted 8-17-81

FIELD INSPECTION

Date 8-25-81

Field Inspection
 Participants

<u>GEORGE DIWACHAK</u>	<u>USGS</u>
<u>JEFF ROBBINS</u>	<u>BLM</u>
<u>BOB MISHLER</u>	<u>TENNECO</u>
<u>GARY CLARK</u>	<u>"</u>
<u>TOM DUNNING</u>	<u>"</u>

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

AUG 31 1981

Date Prepared

George V. Diwachak.
 Environmental Scientist

I concur

9/1/81
 Date

E. S. [Signature]
 District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health safety	(8-28-81) ↓						6	6 (8-25-81) ↓	4, 8
2. Unique charac- teristics							6	6	4, 8
3. Environmentally controversial					9		6	6	
4. Uncertain and unknown risks							6	6	8
5. Establishes precedents					9		6	6	4, 8
6. Cumulatively significant							6	6	4
7. National Register historic places									
8. Endangered/ threatened species									
9. Violate Federal, State, local, tribal law							6	6	4, 8

PLEASE REFER TO ATTACHED
LEGEND

RECOMMENDED STIPULATIONS

- ① The lessee is advised that this lease lies within a wilderness inventory unit under appeal and as such is subject to certain regulation under the Federal Land Policy and Management Act of 1976 (FLPMA). These regulations are set forth in the Interior Management & Policy (IMP). Because this unit is under appeal its status may change without prior notice to the User. This WSA is subject to IMP until such time as Congress determines it shall be designated as Wilderness or drops the area from further consideration.
- ② SEE ATTACHED BLM STIPULATIONS
- ③ THE DRILL PAD WILL BE CONSTRUCTED TO INCORPORATE THE EXISTING ROAD AS THE OUTSIDE EDGE OR NORTHERN SIDE OF THE LOCATION. THE NORTHERN EDGE OF THE LOCATION SHALL ALSO BE DESIGNED TO ROUTE ANY CANYON WATER FLOWS AROUND THE SITE



TENNECO 1-6

↑
N-NE

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

- 1). The operator or his contactor will contact the Grand Resource Area Office in Moab, Utah (phone (801)259-6111) 48 hours prior to beginning any work on public land.
- 2). The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 3). Use of water from sources such as well, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 4). If subsurfacing cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of indentified archaeological sites will only be done if damage occurs.
- 5). Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is.

There will be no new access construction.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

- 6). The top 8 inches of soil material will be removed from the location and stockpiled separate from the trees on the southeast side of the location.

Trees will be on the southeast side of the location above the topsoil pile.

- 7). The reserve pit will not be lined. ~~Keyway~~. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.

- 8). Three side of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 4 strand barbed wire.
- 9). This location from the existing road south is in a wilderness inventory unit under appeal (068 B). Because the lease was granted in 1972, this proposed activity comes under the "Undue and Unnecessary" criteria of the interim Management Policy (December 12, 1979). If the Interior Board of Land Appeals accepts the BLM's recommendation of 068 B, the proposed activity will not be affected by wilderness regulations.

Production

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. Any remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
2. All above-ground production facilities will be painted using the attached suggested colors.

Rehabilitation

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit/cage. Non-burnable debris will be hauled to a local teen dump site.
2. The operator or his contactor will contact the Grand Resource Area BLM office Moab, Utah, phone (801)259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 12 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.

SEED MIXTURE

List =7

Drainage Bottoms;
perennial washes, from
Bookcliff to I-70 in
Nash, Cottonwood, Hay
Middle, E. Canyon, etc.

Species

Grasses

Hilaria jamesii
Sporobolus airoides
Sporobolus cryptandrus

Galleta (Curlygrass)
Alkali sacaton
Sand dropseed

Forbs

Aster chilensis
Helianthus annuus

Sphaeralcea coccinea

Pacific aster
Common sunflower
(Kansas sunflower)
Scarlet globemallow

Shrubs

Eurotia lanata

Winterfat (Whitesage)

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH
 TO: DISTRICT ENGINEER, OSG, SALT LAKE CITY, UTAH
 SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. USA U-15996OPERATOR: Tenneco WELL NO. 1-2

LOCATION: NE 1/4 NW 1/4 NE 1/4 sec. 1, T. 20S, R. 18E., SLM
Grand County, Utah

1. Stratigraphy:

Mesaverde surface			
Mancos	1180'	Morrison	5570'
Castlegate	1295'	Entrada	6030'
Dakota Silt	5130'	<u>TD</u>	<u>6150'</u>
Dakota	5265'		

2. Fresh Water:

Fresh water may be present in the Mesaverde and the Castlegate.

3. Leasable Minerals:

Coal: Mesaverde (800' to ~1200'). Location is within the Sege Coal Field.

Oil / Gas: Dakota Silt to TD

4. Additional Logs Needed:

Gamma Ray log should be included with suite through the coal zone for coal identification behind surface casing.

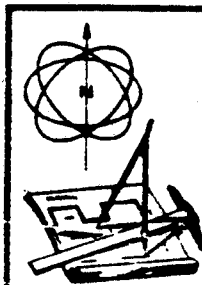
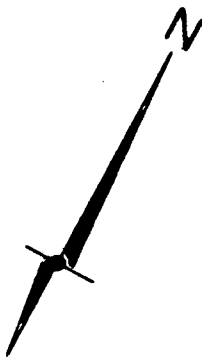
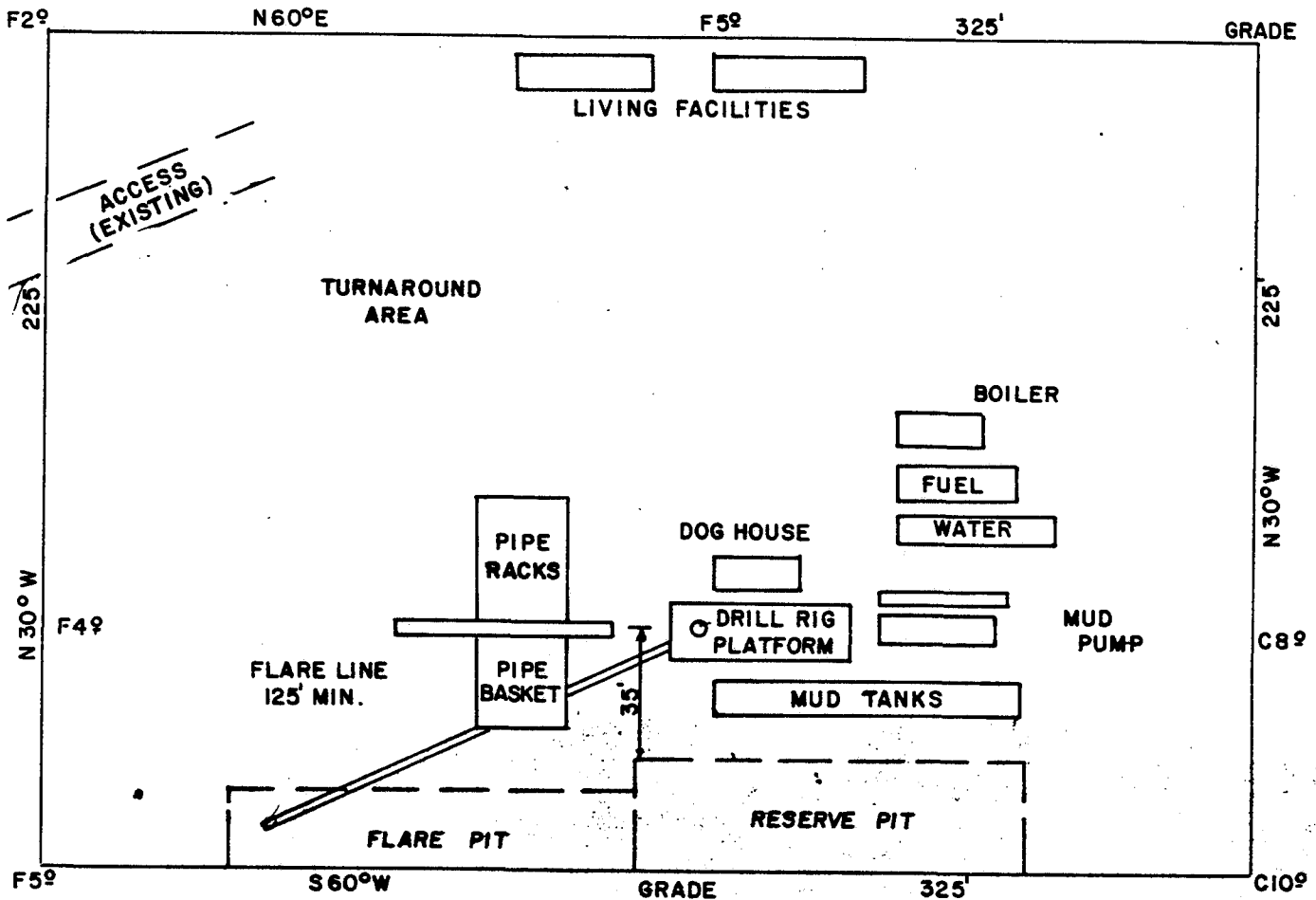
5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. Wood Date: 5-14-81

RIG LAYOUT

7



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

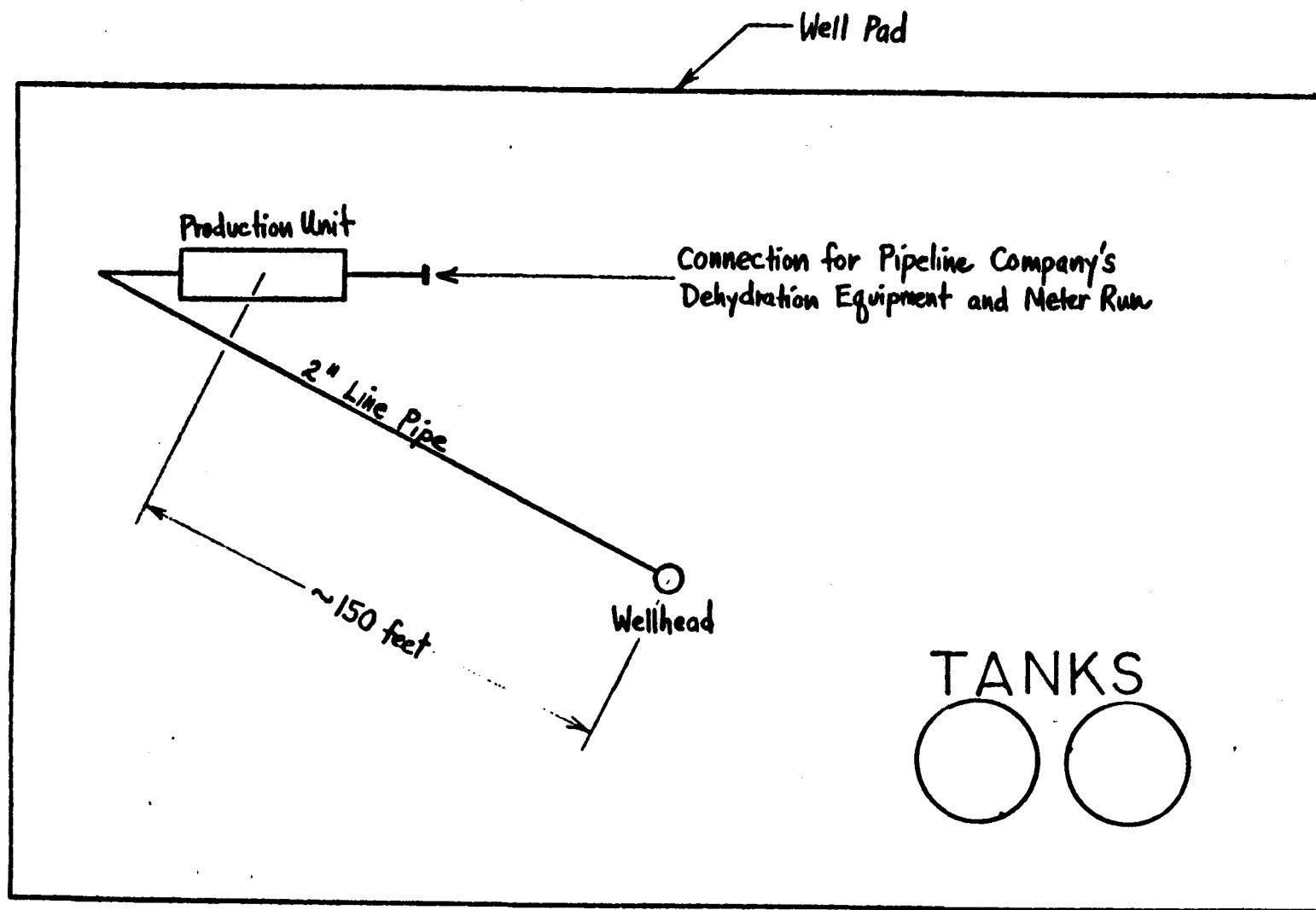
SCALE 1" = 50'
DATE 8-11-81
DRAWN BY DRS
CHECKED BY
DATE OF SURVEY 8-10-81

TENNECO OIL
TUSHER CANYON UNIT USA 1-6

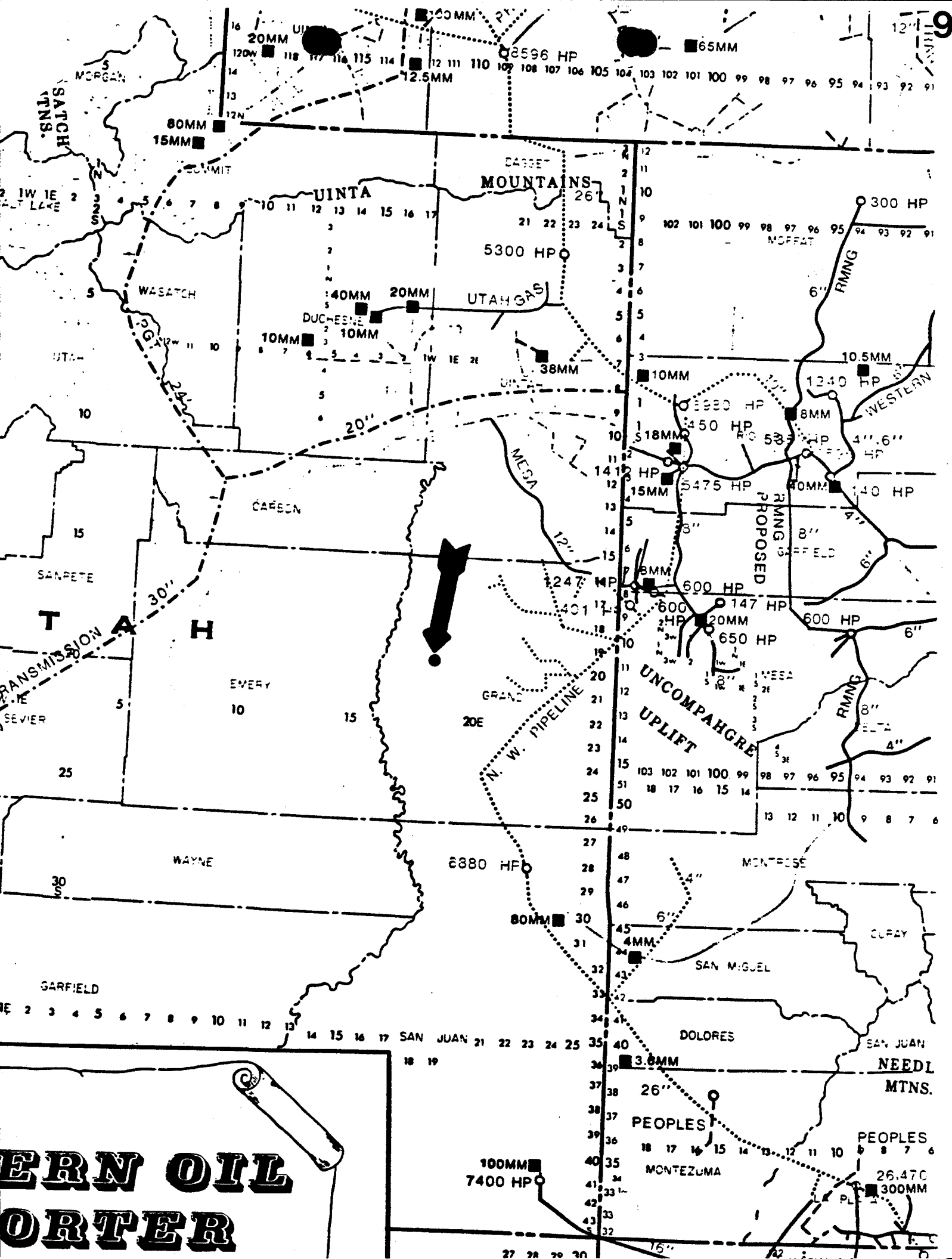
FIGURE 7

JOB NUMBER
813543

PROBABLE EQUIPMENT INSTALLATION



NOT TO SCALE



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2219'FNL, 2361'FWL

SE NW

At proposed prod. zone

same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 18 miles NE of Green River Utah

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

over 2 miles from unit

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) boundary

18. NO. OF ACRES IN LEASE

2469.76

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

approx. 2,197'

19. PROPOSED DEPTH

±6200

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ground 5792'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Approx. 360 acres

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

Sept. 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	±1600'	Circulate to surface
8 3/4"	4 1/2" new	11.6#	±6200'	Cover all productive zones

Set ±120' of surface casing.

See attached drilling procedure.

RECEIVED
AUG 17 1981APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 8-31-81

BY: M. J. Minder

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

M. J. Minder

TITLE Senior Production Analyst

DATE August 12, 1981

(This space for Federal or State office use)

PERMIT NO.

43-019-30 843

APPROVAL DATE

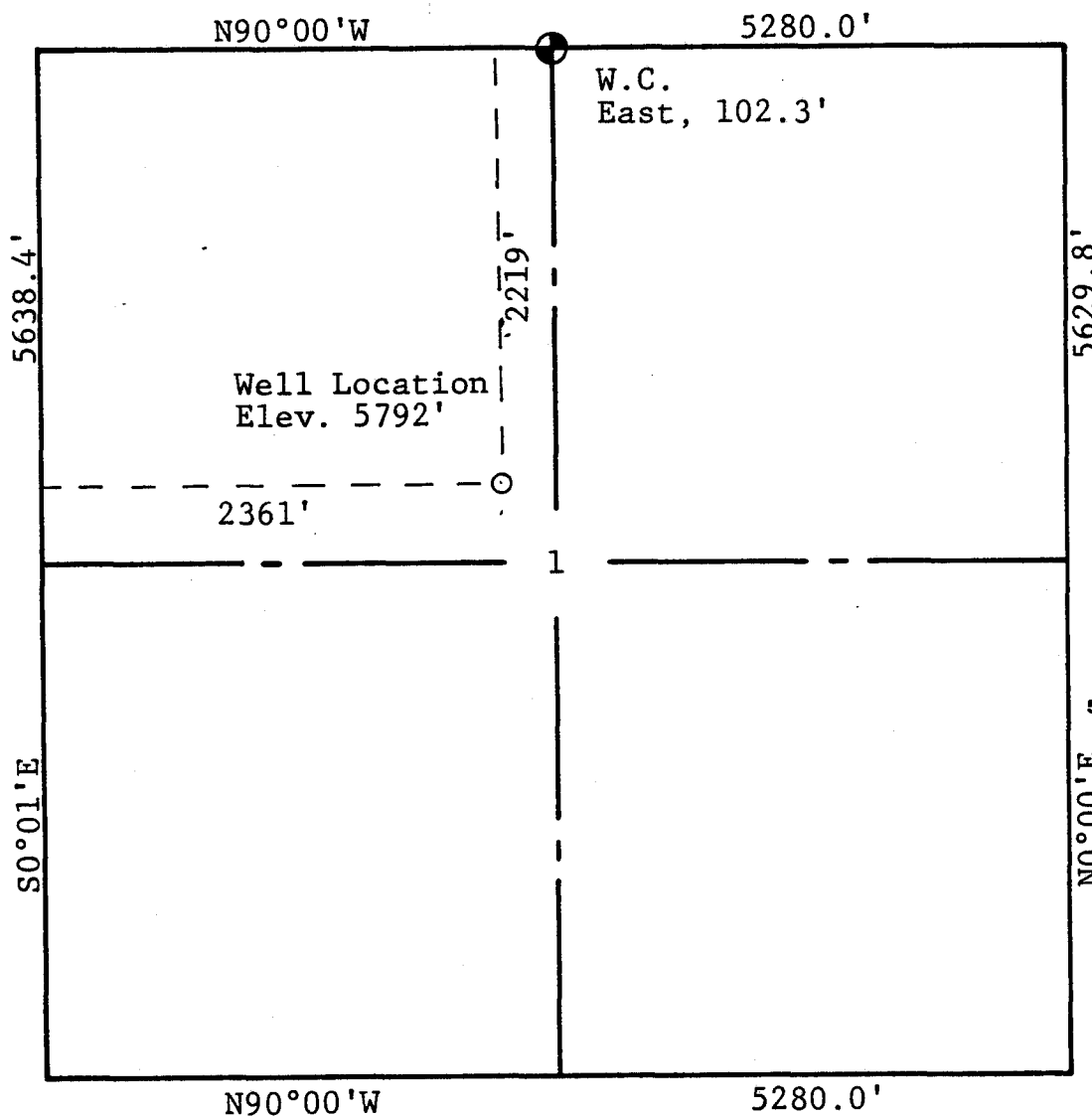
APPROVED BY

TITLE

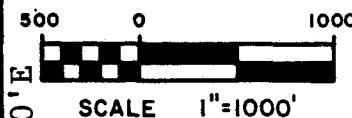
DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



1

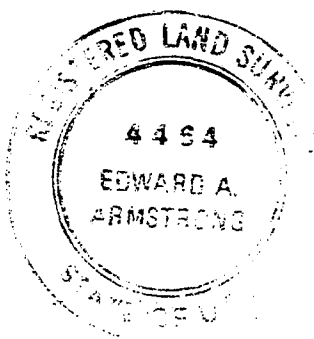


- LEGEND**
- Found U.S.B.L.M. Brass Cap W.C 1960
 - WELL LOCATION

Bearings based on Solar Observation

WELL LOCATION

2361 Ft. E.W.L. - 2219 Ft. S.N.L.
Section 1, T.20S., R.18E., S.L.B.& M.
Grand County, Utah



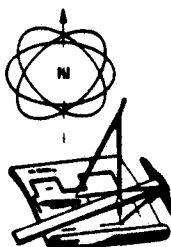
SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong a registered land surveyor in the State of Colorado, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong
Edward A. Armstrong PE-LS 4464

NOTICE

According to Colorado law you must commence any legal action based upon any defect in this survey within six years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification.



ARMSTRONG ASSOCIATES, INC.
ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS
861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861

SCALE 1"=1000'
DATE 8-11-81
DRAWN BY M.P.J.
CHECKED BY D.R.S.
DATE OF SURVEY 8-10-81

TENNECO OIL
Tusher Canyon Unit USA 1-6

FIGURE 1

JOB NUMBER
813543

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation (SEE FIELD NOTES)
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. ENVIRONMENTAL ASSESSMENT No. 221-81 FOR APD,
EVERGREEN Oil Co. WELL No 1, SEC 24, T31S R 12E

** FILE NOTATIONS **

DATE: Aug. 28, 1981
~~WELL NO.~~
OPERATOR: Zuscher Canyon Unit U.S.A #1-6
~~operator~~
WELL NO.: Zenmecc Oil Co.

Location: Sec. 1 T. 20S R. 18E County: Grand.

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30843

CHECKED BY:

Petroleum Engineer: M.S. Minder 8-31-81

Director: _____

Administrative Aide: Unit Well,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation ☒

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒



United States Department of the Interior

IN REPLY REFER TO

3109
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

AUG 28 1981

Memorandum

To: Oil and Gas Office
USGS Conservation Division
1745 West 1700 South
Salt Lake City, Utah 84104

From: Area Manager, Grand

Subject: Application to Drill
Tenneco Oil
Well: 1-6 tusher canyon unit
Section 1, T 20 S., R. 18 E.
Grand County, Utah

On August 25, 1981 a representative from this office met with George Diwachak, USGS, and Bob Mishler agent of the Tenneco Oil for an inspection of the above referenced location. Subject to the attached conditions and an approved application to drill from the USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

The lessee is advised that this lease lies within a wilderness inventory unit under appeal and as such is subject to certain regulation under the Federal Land Policy and Management Act of 1976 (FLPMA). These regulations are set forth in the Interim Management & Policy (IMP). Because this unit is under appeal its status may change without prior notice of the Usee. This WSA is subject to IMP until such time as Congress determines it shall be designated as Wilderness or drops the area from further consideration.

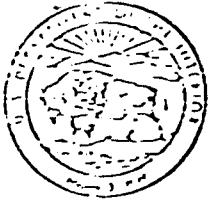
Please forward this information to Tenneco Oil.

David C. Merion
Acting

Enclosures: (3)
1-Reclamation Procedures
2-Suggested Color Hues
3-Seed Mixture

Noted - G. Di

AUG 31 1981



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Prait & Lambert)
Desert Tan	-----
Sage Gray	(Prait & Lambert)

Bookcliffs Region:

Sage Gray	(Prait & Lambert)
Sea Life	(Prait & Lambert)
Dynasty Green	(Sears).

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

September 2, 1981

Tenneco Oil Company
P. O. Box 3249
Englewood, Colo. 80155

RE: Well No. Tushare Canyon Unit USA #1-6,
Sec. 1, T. 20S, R. 18E
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-3771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30843.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2219' FNL 2361' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9/18/81 - MIRURT. Spud well on 9/18/81 w/Loffland #223. Set 40' of 16" conductor pipe. Cmtd w/50 sx redimix.
9/20/81 - Ran 4 jts of 13-3/8" K-55, ST&C csg. Shoe @ 128'. Cmt w/150 sx Cl-H, 2% CACL2, 1/4#/sx celloflake. Circ cmt to surface.
9/27/81 - Ran 40 jts 9-5/8" 36# K-55 ST&C csg. Set @ 1622' Cmt w/570 sx Cl-H w/10% gypsum. Circ cmt to surface.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Shirley J. Tesson TITLE Production Analyst DATE 10/19/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen a plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2219' FNL 2361' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10/20/81 - Fishing

10/26/81 - Drlg.

10/28/81 - Set plug #2 @ 1700' to 1500' w/88 sx Cl-B neat. Set plug #3 40' to surface w/40 sx Cl-B neat. Cmdt 9-5/8" x 13-3/8" annulus w/5 sx Cl-B neat cmt. NDBOPS, clean pits. Release rig midnight 10/27/81.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Saundra Peron
Saundra Peron

TITLE

Production Analyst

DATE

11/13/81

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2219' FNL, 2361' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

43-019-30843

4-31-81

COUNTY OR PARISH
Grand13. STATE
Utah

15. DATE SPUDDED 9/18/81 16. DATE T.D. REACHED 10/20/81 17. DATE COMPL. (Ready to prod.) P&A'd 10/28/81 18. ELEVATIONS (D, B, BT, GR, ETC.)* 5792' gr. 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5984 21. PLUG, BACK T.D., MD & TVD -- 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS 0'-TD CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DI-SFL CNFQ

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	128'	17-1/4"	150 sx CL-H, 2% CaCl ₂ , 1/4# sx celloflake.	
9-5/8"	36#	1622'	12-1/4"	570 sx CL-H w/10% gypsum.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Aurora TeronTITLE Production AnalystDATE 12/17/81

*(See Instructions and Spaces for Additional Data on Reverse Side)



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 26, 1985

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

Gentlemen:

Re: Well No. Tusher Canyon #1-6 - Sec. 1, T. 20S., R. 18E.,
Grand County, Utah - API #43-019-30843

This letter is to advise you that Sec. 38, Geologic Markers, on the back side of the "Well Completion or Recompletion Report and Log" for the above referenced well was not filled in when this report was submitted.

We are sure this was an oversight on your part and we request that you complete the enclosed Form OGC-3 and forward it to this office as soon as possible, but not later than December 10, 1985.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170s/18